STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL, GAS AND MINING															
APPLICATION FOR PERMIT TO DRILL									1. WELL NAME and NUMBER Ute Tribal 21-02P						
2. TYPE OF WORK DRILL NEW WELL REENTER P&A WELL DEEPEN WELL									3. FIELD OR WILDCAT ANTELOPE CREEK						
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO									5. UNIT or COMMUNITIZATION AGREEMENT NAME ANTELOPE CREEK						
6. NAME OF OPERATOR PETROGLYPH OPERATING CO									7. OPERATOR PHONE 208 685-7685						
8. ADDRESS OF OPERATOR 960 Broadway Avenue, Ste 500, Boise, ID, 83703									9. OPERATOR E-MAIL ppowell@pgei.com						
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) 1420H623516 11. MINERAL OWNERSHIP FEDERAL INDIAN STATE FEE									12. SURFACE OWNERSHIP FEDERAL INDIAN STATE FEE						
13. NAME OF SURFACE OWNER (if box 12 = 'fee')										14. SURFACE OWNER PHONE (if box 12 = 'fee')					
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')									16. SURFACE OWNER E-MAIL (if box 12 = 'fee')						
	ALLOTTEE OR TR	IBE NAME		NTEND TO COMMINGLE PRODUCTION FROM TIPLE FORMATIONS				19. SLANT							
(if box 12 = 'INDIAN') Ute Indian Tribe YES (Submit Commingling Application) NO									VERTICAL DIRECTIONAL HORIZONTAL						
20. LOCATION OF WELL FO				OTAGES		QTR-QTR	SECT	SECTION		TOWNSHIP		RANGE			
LOCATION AT SURFACE 555 FNI				L 3286 FWL		NWNE	21	21		5.0 S	3.0 W		U		
Top of Uppermost Producing Zone 40 FSL				L 1240 FEL		SESE	16	16		i.0 S	3.0 W		U		
At Total Depth 40 FSL						SESE	16		5.0 S		3.0 W	3.0 W			
21. COUNTY DUCHESNE 22. DISTANCE TO NEAREST LEAS 555															
25. DISTANCE TO NEAREST (Applied For Drilling or Co							pleted)				S. PROPOSED DEPTH MD: 6408 TVD: 6287				
27. ELEVATION - GROUND LEVEL 28. B					BOND NUMBER LPM4138336				29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 43-8342						
Hole, Casing, and Cement Information															
String	Hole Size	Casing Size	Length	Wei	ight Gr	ade & Thread	& Thread Max Mud		l Wt.	Cement	Sacks	Yield	Weight		
Cond Surf	12.25	14	0 - 54			Unknown J-55 ST&C)	Class G	25 227	1.17	15.8		
Prod	7.875					J-55 ST&C J-55 LT&C		10.0		Class G	493	1.92	12.5		
									Class G	341	1.46	13.4			
ATTACHMENTS															
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES															
WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER							COMPLETE DRILLING PLAN								
AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)							FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER								
DIRE	ECTIONAL SURVE	№ торо	TOPOGRAPHICAL MAP												
NAME Ed 1	Trotter		TITLE Agent PHON				E 435 789-4120								
SIGNATURE					DATE 05/31/2013 EMAI				L edtrotter@easilink.com						
API NUMBER ASSIGNED 43013522100000					APPROVAL					200 gill					
					Permit Manager										

